PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Tranter et al.

Serial No.: Not Yet Assigned

Filed: _____

For: HIGH CAPACITY ADSORPTION MEDIA FOR SEPARATING OR REMOVING CONSTITUENTS AND METHODS OF PRODUCING AND USING THE ADSORPTION MEDIA

Confirmation No.: Unknown

Examiner: Unknown

Group Art Unit: Unknown

Attorney Docket No.: B-379

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number: EP005162619US

Date of Deposit with USPS: 9/9/03

Person making Deposit: Mandy Landon

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission

that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

U.S. Patent Documents

U.S. Patent No.	Publication Date	Patentee
US - 4,576,969	03/18/1986	Echigo et al.
US - 5,591,346	01/07/1997	Etzel et al.
US - 6,136,199	10/24/2000	SenGupta et al.

Other Documents

CHANDA, et al., "Ligand Exchange Sorption of Arsenate and Arsenite Anions by Chelating Resins in Ferric Ion Form: I. Weak-Base Chelating Resin Dow XFS-4195," Reactive Polymers, 7 (1988) pp. 251-261.

CHANDA, et al., "Ligand Exchange Sorption of Arsenate and Arsenite Anions by Chelating Resins in Ferric Ion Form: II. Iminodiacetic Chelating Resin Chelex 100," Reactive Polymers, 8 (1988) pp. 85-95.

DeMARCO, et al., "Arsenic Removal Using a Polymeric/Inorganic Hybrid Sorbent," Water Research 37 (2003) pp. 164-176.

RAMANA, et al., "Removing Selenium(IV) and Arsenic (V) Oxyanions with Tailored Chelating Polymers, Journal of Environmental Engineering, Vol. 118, No. 5, Sept./Oct. 1992, pp. 755-775.

THIEME, Trevor, "Newsfiles, Like a Cup of Arsenic? Oh, You've Already Got Some" Popular Science, http://www.popsci.com/popsci/science/article/0,12543,195220,00.html, 2003, 2 pages.

Applicants offer to supply any explanation or discussion of the documents that the Examiner feels is necessary or desirable and which is requested.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. § 1.17(p) is required.

Respectfully submitted,

Stephen R. Christian
Registration No. 32,687
Attorney for Applicants
P.O. Box 1625
Idaho Falls, ID 83415-3899
Phone: (208) 526-9140
Fax: (208) 526-8339

Date: 4SEPT2003

Enclosures: Form PTO-1449 or PTO/SB/08
Cited Documents

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	
First Named Inventor	Tranter et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	B-379

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,576,969	03/18/1986	Echigo et al.	
		US- 5,591,346	01/07/1997	Etzel et al.	
		US- 6,136,199	10/24/2000	SenGupta et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B(10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	
First Named Inventor	Tranter et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	P-379

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		CHANDA, et al., "Ligand Exchange Sorption of Arsenate and Arsenite Anions by Chelating Resins in Ferric Ion Form: I. Weak-Base Chelating Resin Dow XFS-4195," Reactive Polymers, 7 (1988) pp. 251-261.	
		CHANDA, et al., "Ligand Exchange Sorption of Arsenate and Arsenite Anions by Chelating Resins in Ferric Ion Form: II. Iminodiacetic Chelating Resin Chelex 100," Reactive Polymers, 8 (1988) pp. 85-95.	
		DeMARCO, et al., "Arsenic Removal Using a Polymeric/Inorganic Hybrid Sorbent," Water Research 37 (2003) pp. 164-176.	
		RAMANA, et al., "Removing Selenium(IV) and Arsenic (V) Oxyanions with Tailored Chelating Polymers, Journal of Environmental Engineering, Vol. 118, No. 5, Sept./Oct. 1992, pp. 755-775.	
		THIEME, Trevor, "Newsfiles, Like a Cup of Arsenic? Oh, You've Already Got Some" Popular Science, http://www.popsci.com/popsci/science/article/0,12543,195220,00.html, 2003, 2 pages.	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.